

Threat Sources by Cloud Architecture Component

Cloud Architecture Component	Security Threats	Security Functional Area
1. Virtualized Infrastructure	1. Unauthorized Access to Hypervisor	Access & Identity Lifecycle Management
	2. Presence of Malware in Hypervisor software	Threat & Vulnerability Management
	3. Starvation of Resources & Denial of Services by some Rogue VMs	Availability
	4. Unauthorized Access to VMs	Access & Identity Lifecycle Management
	5. Side-Channel Attack: One VM attacking another. (*)	Threat & Vulnerability Management
	6. Presence of Covert Channel between VMs (*)	Threat & Vulnerability Management
	7. Unauthorized Access to VM Image repository (*)	Access & Identity Lifecycle Management
	8. Tampering of VM Images (*)	Integrity & Access & Lifecycle Management
	9. VM placed in an insecure state after a restart (*)	Threat & Vulnerability Management
	10. VM placed in an insecure state after migration to a new host	Threat & Vulnerability Management
	11. A traffic meant for one VM is delivered to a wrong VM or to an outside entity (*)	?

(*) Virtualization Protection Profile Threat Enumeration